The
National
Health
Planning
Act—
A
Progress
Report

☐ The National Health Planning and Resources Development Act is a landmark health law. Enacted in January 1975, it authorizes the creation of a variety of mechanisms to move the nation toward more equal access to quality health care at reasonable cost. The papers on health planning in this issue of Public Health Reports describe the considerable progress made by the new program. They also discuss some of the issues and problems health planners will face in the future.

☐ The act is complex, mandating 35 tasks. But its most important job is to assure equal access to high quality health care at reasonable cost. It will consolidate and eliminate weak, ineffective programs which grew up trying to solve local problems in the regulation, distribution, and location of certain kinds of health resources.

☐ These piecemeal efforts will be replaced by a network of local health systems agencies (HSAs) and State health planning agencies. I believe that the HSAs offer local communities a potentially powerful tool for overseeing the rational development of health care facilities and services of a high quality which truly reflect local need.

☐ The local and State planning agencies will have unprecedented control over the development of health services. The local agencies, for example, are required to review and then approve or disapprove applications for Federal health program funds. They will periodically review the appropriateness of all existing institutional health services in their areas. They are authorized to fund development of health resources called for in their plans. This is the first time that planning agencies have been given authority

for implementation in addition to planning.

☐ The health systems agencies throughout the nation and the National Council on Health Planning and Development will come into being later this year. Part of the Council's mission will be to develop recommendations for a national health planning policy.

☐ A major strength of the law is its emphasis on participation in health planning by all segments of the health care system—physicians, hospital officials, and other direct providers, third party payers, health education institutions, government, and consumers. Only with the participation of all these concerned segments can we translate the rhetoric of legislation to a rational, cost-effective health care system that serves all our citizens.

Theodore Cooper, MD Assistant Secretary for Health U.S. Department of Health, Education and Welfare

Cover—A multitude of disciplines are engaged in planning for the nation's health, as indicated in the 11 papers in the health planning section of this issue of Public Health Reports.



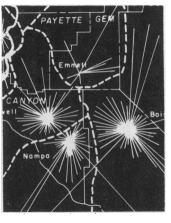
VOLUME 91, NUMBER 1 • JANUARY-FEBRUARY 1976 • PUBLISHED SINCE 1878

HEALTH PLANNING • A SPECIAL SECTION

3	Implementing the National Health Planning and Resources Development Act of 1974 Eugene J. Rubel
9	The designation of health service areas Roland L. Peterson
19	The National Health Planning Information Center Frank Morrone
24	Regulatory and review functions of agencies created by the act: National Health Planning and Resources Development Act of 1974 \square Samuel V. Stiles and Katherine A. Johnson
29	Critical experiences in organizing and administering a State certification of need program William J. Bicknell and Diana Chapman Walsh
46	The HSA and the PSRO: Toward a linkage [] James Lee Dallas
51	Toward an invisible college: Training of planning personnel for local and State agencies Marvin D. Strauss, Carol J. Harten, and Mark A. Kempner
56	Training board members for health planning agencies. A review of the literature \square Ann Lennarson Greer
62	Validity of repeating patient origin studies for rural hospitals
67	Strategy for determining local area need for cardiovascular surgical services John M. Glasgow, Carolyn C. Brinzey, and Diane Paladino
72	Potential contribution of consumers to an integrated health care system Robert Pecarchik, Edmund Ricci, and Bardin Nelson, Jr.
77	Use of community residents as interviewers in a dental health care research project \square P. Jean Frazier and Joanna Jenny
Ú.S.	DEPARTMENT OF HEALTH. Opinions expressed are the authors' and







U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE David Mathews, PhD, Secretary

PUBLIC HEALTH SERVICE Theodore Cooper, MD Assistant Secretary for Health

HEALTH RESOURCES ADMINISTRATION Kenneth M. Endicott, MD, Administrator

PUBLIC HEALTH REPORTS Marian Priest Tebben, Editor Esther C. Gould, Assistant Executive Editor Virginia M. Larson, Managing Editor Don Meeker, Art Director Opinions expressed are the authors' and do not necessarily reflect the views of Public Health Reports or the Health Resources Administration. Trade names are used for identification only and do not represent an endorsement by the Health Resources Administration.

Address correspondence to:

Editor, Public Health Reports Room 10A-41, Parklawn Bldg. 5600 Fishers Lane Rockville, Md. 20852 Telephone: Area code 301-443-2525

PUBLIC 1 EPOPTS

SUBSCRIPTION INFORMATION

To subscribe to Public Health Reports, send check or money order—\$2.05 per single issue, \$12.20 per year (six issues) or \$15.25 for foreign mailing to Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. All correspondence about paid subscriptions (for example, re change of address or failure to receive an issue) should also be addressed to the Superintendent of Documents.



U.S. Department of Health, Education, and Welfare Public Health Service Health Resources Administration

- 86 Differential performance on subtests of the Educational Council for Foreign Medical Graduates examination \(\subseteq Ursula C. Brandt, Joel C. Kleinman, and Robert J. Weiss
- 88 Bicentennial reprint. Oral poliovirus vaccine. Statement by Leroy E. Burney, Surgeon General, Public Health Service, August 24, 1960. (October 1960)

PROGRAMS, PRACTICES, PEOPLE

- 91 Tutorendoscope teaches proctoscopy, lesion diagnosis
- 91 Report of NEI advisory council on public and private support of research on vision
- 92 Center for studies of mental health of the aging
- 92 Talking computers save hospital days and money
- 92 \$40 million in VA grants for medical school assistance and health manpower training
- 93 Health newspaper, an aid in Delaware health education
- 94 Geographic relationship of CMHCs and PSROs
- 94 Grant to establish Center for Environmental Health Sciences at University of Rochester
- 95 New NINCDS television studios tape educational lectures
- 95 Capability of hospitals to meet emergencies
- 96 Bilingual advertising campaign promotes careers in health
- 96 Performance-oriented training for wastewater plant operators and laboratory technicians
- 97 Specialized living centers for developmentally disabled
- 97 Hospitals required to post "Free Care" notices
- 97 George Washington University awarded \$300,000 contract by NICHD to study IUDs
- 98 Call for papers for Medical Care Section of 1976 APHA meeting
- 98 Call for papers for symposium in 1976 on "Women at Work"
- 98 Education notes
- 99 Publications

Call for Papers For Medical Care Section Of 1976 APHA Meeting

■ Anyone wishing to contribute a paper to the program of the Medical Care Section at the next annual meeting of the American Public Health Association (to be held October 17–21, 1976, in Miami Beach, Fla.) may obtain standard abstract forms from upcoming issues of the American Journal of Public Health and the Nation's Health or by writing Julia A. James, Westridge Gardens 11, 5201 S.W. Westgate Dr., Suite 114, Port., Oreg. 97221.

Abstracts on all topics are invited, but papers relating to cost effectiveness/productivity or the impact of the economy on the health care delivery system are of special interest.

The deadline for submitting abstracts is March 15, 1976. Authors whose abstracts are selected for further consideration will be asked to submit a short outline or draft (3 to 5 pages) in the spring. Final selections will be made from the outlines.

Call for Papers for Symposium In 1976 on "Women at Work"

■ Papers for a California symposium on "Women at Work" are being sought by the City of Hope National Medical Center in Duarte, Calif. The Sept. 29—Oct. 1, 1976, meeting will focus on sexual limitations in different occupations and on the dangers that each sex faces in exposure to potentially harmful materials, as well as on the sociological, psychological, and legal restrictions on women in various occupations. The symposium will try to formulate recommendations on health care policies for employers, labor groups, and government agencies.

Attendance will not be limited to persons who submit papers. A summary of the conference, with recommendations, is to be presented at a later seminar sponsored by the City of Hope and the School of Business, City University of New York.

Papers for the symposium with an abstract of approximately 200 words should be submitted before March 1, 1976, to E. R. Plunkett, MD, City of Hope National Medical Center, 1500 East Duarte Road, Duarte, Calif. 91010.

education notes

Announcements for publication should be forwarded to *Public Health Reports* 6 months in advance of the deadline date for application for admission or financial aid, whichever is earlier.

Executive development program on management and community aspects of accountability. An educational program on "Accountability: Management and Community Aspects" is scheduled by the Department of Health Administration of the School of Public Health, University of North Carolina at Chapel Hill. The courses will be presented in modules. The concepts module, which will be offered twice, will deal with the nature and implications of accountability and will explore contemporary management and policy approaches that can serve as a response to accountability.

A followup workshop module will be available to 24 persons selected from participants in the concepts module. It will focus on the strategies, methods, and skills needed to facilitate application of selected management concepts. Both modules are intended for experienced health and human service administrators.

The concepts module will be offered March 7-12 and May 24-29, 1976. The workshop module is scheduled for May 30-June 6, 1976. Detailed information is available from James A. Savage, Jr., Department of Health Administration, School of Public Health, University of North Carolina, Chapel Hill, North Carolina 27514. Or phone (919) 966-4091.

Conference on implications of developmental disabilities. A 2-day conference entitled "Developmental Disabilities: Psychological and Social Implications," which is designed to enhance the knowledge and sensitivity of professionals providing services to persons with learning disabilities, is being sponsored by the Johns Hopkins Medical Institutions—School of Hygiene and Public Health. The meeting will honor former department chairman Paul V. Lemkau and is scheduled for March 1–2, 1976, at the University's Turner Auditorium in Baltimore, Md.

Conference participants will receive 14 credit hours in category I towards the Physician's Recognition Award of the American Medical Association. Other types of professional continuing education credit have been applied for but not yet granted. Further information and application forms are available from Program Coordinator, Office of

Continuing Education, Turner Auditorium, Room 17, 720 Rutland Ave., Baltimore, Md. 21205, or call (301) 955-3168 or -5880.

Symposum on Diabetes and Other Endocrine Disorders During Pregnancy and in the Newborn Infant. A symposium on the perinatal physiology of diabetes and other hormonal disorders is scheduled for April 1–2, 1976, in New York City. The meeting, sponsored by the National Foundation-March of Dimes and presented by the Cornell University Medical Center, should be of interest to physicians, nurses, dietitians, nutritionists, medical students, and interns.

Dr. Maria I. New, professor of pediatrics at the center, and Dr. Robert H. Fiser, Jr., chairman of the Department of Pediatrics at the University of Arkansas Medical Sciences Campus, will co-chair the event.

The major topics scheduled for discussion are diabetes and carbohydrate regulation in the fetus and newborn, gonadotrophins and growth factors, steroid hormones during pregnancy and in the newborn, and thyroid and parathyroid hormones.

For additional information and registration forms, contact the National Foundation-March of Dimes, 622 Third Ave., New York, N.Y. 10017. Or phone (212) 682-6430.

Conference on management information systems. A conference entitled "State of the Art" will focus on meeting the specific needs of public and community health agencies at various levels of experience with management information systems. Scheduled to be held March 15-17, 1976, in Washington, D.C., the conference will be conducted by the Council of Home Health Agencies and the Community Health Services of the National League for Nursing under a \$60,409 contract from the Division of Nursing, Health Resources Administration. The contract is the third awarded by the Division to the League for devising new approaches for automatic data processing systems.

The conference is scheduled to include reports on current management information system activity; grants and funding; data needs, budgeting, and costing; billing and cash flow problems;

publications

quality controls; systems management; use of data for planning and evaluation; and the role of medical records librarians.

Further information and application blanks are available from the National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019. Telephone (212) 582-1022.

Devereux Foundation fellowships and internships. A limited number of predoctoral internships and postdoctoral fellowships in clinical psychology are available at the Devereux Foundation in Devon, Pa. The foundation, which is comprised of a group of residential treatment, therapeutic education, and rehabilitation centers, offers 12-month internships that provide training and experience with mentally and emotionally handicapped children, adolescents, and young adults with learning and personal adjustment problems.

The training and experience offered include psychodiagnostics, psychotherapy, crisis intervention, milieu therapy, and residential treatment techniques. Clinical experience may be offered at special Devereux intensive treatment and educational facilities.

Preference will be given to candidates from APA-approved clinical psychology programs who have had a broad academic training base and supervised clinical practicum experience in psychodiagnostics. The experience should include use of projective techniques and psychotherapy. Postdoctoral candidates must offer advanced clinical preparation, including a prior full-time clinical internship or equivalent supervised clinical experience. Candidates should apply as soon as possible since the deadline is January 10, 1976, Some applications will be accepted after the deadline.

Recipients of the awards will receive a combined stipend and housing allowance ranging from \$5,000 to \$7,500 if they are U.S. citizens, \$3,600 of which will be tax exempt. Unmarried recipients are also provided with meals.

Further information is available from Dr. Henry Platt, Director, Devereux Foundation, Institute of Clinical Training, Devon, Pa. 19333.

FEDERAL

Federal/State Radiation Control Legislation, 1974. By Lois A. Miller. DHEW Publication No. (FDA) 76-8009. July 1975; 31 pages.

Report of State and Local Radiological Health Programs. Fiscal year 1974. By Lois A. Miller. DHEW Publication No. (FDA) 76-8017. July 1975; 70 pages.

United States Life Tables: 1969-71. DHEW Publication No. (HRA) 75-1150, Vol. 1, No. 1. May 1975; 29 pages; 80 cents.

Vital Statistics of the United States, 1971. Vol. I. Natality. DHEW Publication No. (HRA) 75-1113. 1975; \$11.10 (GPO Stock No. 017-022-00390-2).

Vital Statistics of the United States, 1971. Vol. II. Mortality, Part A. DHEW Publication No. (HRA) 75-1114. 1975; \$14.30 (GPO Stock No. 017-022-00378-3).



Free copies of this new brochure, "The NIH Normal Volunteer Patient Program," are available from the NIH Clinical Center, Room 1N-248, Bethesda. Md. 20014.

Vital Statistics of the United States, 1972. Vol. II. Mortality, Part B. DHEW Publication No. (HRA) 75-1115. 1975; \$16.30 (GPO Stock No. 017-022-00386-4).

Prevalence of Selected Impairments, United States, 1971. DHEW Publication No. (HRA) 75-1526, Series 10, No. 99. May 1975; 64 pages; \$1.30 (Supt. of Docs. No. HE 20.2210:10/99).

Current Estimates From the Health Interview Survey, United States, 1974. DHEW Publication No. (HRA) 76-1527, Series 10, No. 100. September 1975; 76 pages; \$1.45.

Utilization of Short-Stay Hospitals. Summary of Non-medical Statistics, United States, 1972. DHEW Publication No. (HRA) 75-1770, Series 13, No. 19. June 1975; 44 pages; \$1.05 (Supt. of Docs. No HE 20.2210: 13/19).

Serum Uric Acid Values of Youths 12-17 Years, United States. DHEW Publication No. (HRA) 76-1634, Series 11, No. 152. August 1975; 35 pages; 85 cents (Supt. of Docs. No. HE 20.6209:11/152).

The preceding Federal publications can be obtained from the Superintendant of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Orders should be accompanied by check or money order and should fully identify the publication. (Publications listed without prices may be obtained from the agency.)

The following Federal publications are obtainable from the National Technical Information Service, Springfield, VA. 22151. Most are available in microfiche for \$2.25.

An Analysis of Health Manpower Models. Vol. I. 210 pages; \$7.25 (PB 237 992/AS).

An Inventory of Health Manpower Models. Vol. II. 347 pages \$9.25 (PB 237 991/AS).

Characteristics of Black Physicians in the United States: Findings from a survey. 25 pages; \$3.75 (PB 243 978/AS).

Survey of Selected Hospital Manpower, February 1973. A preliminary report. 37 pages; \$4.25 (PB 243 990/AS).

Pharmacy Manpower Information Project. Feasibility phase report 1. Pharmacy Manpower Forecasts and Projections. By Christopher A. Rodowskas, Jr., and W. Michael Dickson. 154 pages; \$6.25 (PB 244 656/AS).

Pharmacy Manpower Information Project. Feasibility phase report 2. A Task Analysis of the Community Pharmacist. By Christopher A. Rodowskas, Jr., and W. Michael Dickson. 242 pages; \$8.50 (PB 244 657/AS).

Special Report on Prepaid Group Practice Plans. \$3.75 (PB 244 162/AS).

A Statistical Model for Forecasting Podiatric Manpower Requirements. By S. P. Nyman and L. G. Buttell. \$6.25 (PB 244 148/AS).

Concept Development for an Information Retrieval System for Optometry and Related Manpower. By Douglas W. Redmond, Farrell D. Aron, and Beverely A. Cole. 81 pages; \$4.75 (PB 244 713/AS).

Evaluation of Directories of Training Programs in Allied Health Occupations. Vol. 1. By Barbara F. Esser. 281 pages; \$9.25 (PB 244 910/AS).

A Guide to Curriculum Management. By Frederic A. Clark. \$5.25 (PB 245 252/AS).

A Study to Delineate Roles and Functions of Medical Record Personnel. Final report. By Elizabeth Price and Frederic A. Clark. \$7.25 (PB 245 251/AS).

Allied Health Manpower Study. Final report. By Morlan B. Lewis. 97 pages; \$5.25 (PB 245 174/AS).

Communication Cooperation and Coordination in Allied Health Manpower Preparation and Utilization. Invitational conference. 91 pages; \$4.75 (PB 245 340/AS).

An Educational Program for Sub-Professional Personnel to be Employed in Health Maintenance Organizations. A final report. By Bill S. Harmon. \$5.25 (PB 245 270/AS).

A Study of the Development of Allied Health Professions Curriculum in Black Colleges and Universities. Vols. 1-3. Set, \$24 (PB 244 396/AS); Vol. II. \$8.50 (PB 244 398/AS); Vol. III. \$9.25 (PB 244 399/AS).

An Analysis of the Staffing Patterns for Comprehensive Health Centers, Family Planning Projects, and Drug Treatment Programs. Vol. I. An executive summary. By L. I. Weiner. Vol. I of 5-vol. set. Vol. I. \$4.75 (PB 241 724; set, \$28 (PB 241 723).

An Analysis of the Staffing Patterns for Comphrensive Health Centers, Family Planning Projects, and Drug Treatment Programs Vol. II. Background and Methodology. By C. F. Blozan and L. I Weiner. \$8.50 (PB 241-725).

An Analysis of the Staffing Patterns for Comprehensive Health Centers, Family Planning projects, and Drug Treatment Programs. Vol. III. Comprehensive Health Centers. By L. I. Weiner. \$5.75 (PB 241 726).

An analysis of the Staffing Patterns for Comprehensive Health Centers, Family Planning Projects, and Drug Treatment Programs. Vol. IV. Family Planning Projects. By L. I. Weiner. \$7 (PB 241 727).

An Analysis of the Staffing Patterns for Comprehensive Health Centers, Family Planning Projects, and Drug Treatment Programs. Vol. V. Drug Treatment Programs. By Marvin R. Burt. \$7.25 (PB 241 728).

WORLD HEALTH ORGANIZATION

Smoking and Its Effects on Health. Report of a WHO Expert Committee. WHO Technical Report Series No. 568. 1975; 100 pages; Geneva.

Evaluation of Family Planning in Health Services. Report of a WHO Expert Committee. WHO Technical Report Series No. 569. 1975; 67 pages; Geneva.

Early Detection of Health Impairment in Occupational Exposure to Health Hazards. Report of a WHO Study Group. WHO Technical Report Series No. 571. 1975; 80 pages; Geneva.

The Veterinary Contribution to Public Health Practice. Report of a Joint FAO/WHO Expert Committee on Veterinary Public Health. WHO Technical Report Series No. 573. 1975; 79 pages; Geneva.

Education and Treatment in Human Sexuality: The Training of Health Professionals. Report of a WHO Meeting. WHO Technical Report Series No. 572. 1975; 33 pages; Geneva.

Manual on Radiation Protection in Hospitals and General Practice. Vol. 2. Unsealed Sources. By D. Frost and H. Jammet. Jointly sponsored by ILO, IAEA, and WHO. 1975; 113 pages; Geneva.

Manual on Radiation Protection in Hospitals and General Practice. Vol. 3. X-Ray Diagnosis. By B. E. Keane and K. B. Tikhonov. Jointly sponsored by ILO, IAEA, and WHO. 1975; 96 pages; Geneva.

Biological Substances. International Standards and Reference Preparations. 1975; 52 pages; Geneva.

The Traditional Birth Attendant in

Maternal and Child Health and Family Planning. A guide to her training and utilization. By Maria DeLourdes Verderese and Lily M. Turnbull. WHO Offset Publication No. 18: ISBN 92 4 170018 1. 1975: 111 pages: Geneva.

Guide to the Integration of Health Education in Environmental Health Programmes. By K. A. Pisharoti. WHO Offset Publication No. 20: ISBN 92 4 170020 3. 1975; 81 pages; Geneva.

Training of Medical Laboratory Technicians: A handbook for tutors. By Alex McMinn and Graham J. Russell. WHO Offset Publication No. 21: ISBN 92 4 170021 1. 1975; 83; Geneva.

World Health Statistics Annual, 1972. Vol. 1. Vital Statistics and Causes of Death. 1975; 787 pages; Geneva.

World Health Organization publications and information on prices may be obtained from Q Corp., 49 Sheridan Ave., Albany, N.Y. 12210.

NONFEDERAL

Family Size and the Black American. Population Bulletin Vol. 30, No. 4, 29 pages. Population Reference Bureau, Inc., 1754 N St., NW., Washington, D.C. 20036.

U.S. Population in 2000—Zero Growth or Not? Vol. 30, No. 5, 33 pages. Population Reference Bureau, Inc., 1754 N St., NW., Washington, D.C. 20036.

Physician's Assistant Examination Review Book. 1,400 multiple choice questions and referenced answers. By Bernard Challenor, MD, MPH, Charles P. Felton, MD. Thomas W. Jones, MD, MPH, and G. Kenneth Henry, MD. 1975; 249 pages; \$10. Medical Examination Publishing Co., Inc., 65-36 Fresh Meadow Lane, Flushing, N.Y. 11365.

Audiovisuals for Nutrition Education 1975; 28 pages; \$2.50 (\$2, members of Society for Nutrition Education). Society for Nutrition Education, 214 Shattuck Ave., Suite 1110, Berkeley Calif. 94704.

Making Products Safer. What Consumers Can Do. By Irving R. Dickman Public Affairs Pamphlet No. 524. Jun 1975; 28 pages; 35 cents. Public Affairs Pamphlets, 381 Park Ave. Sout New York, N.Y. 10016.

Perspectives for Nursing. Publication No. 11-1580. 1975; \$2.50. Publication Department, National League for Nutling, 10 Columbus Circle, New York, N.Y. 10019.

Order nonfederal publications from publish or sponsoring agency.